

# CERTIFICATE

Issued to:  
Applicant:  
**MEAN WELL Enterprises Co., Ltd.**  
No.28, Wuquan 3rd Rd, Wugu District  
24891 New Taipei City, Taiwan

Licensee:  
**MEAN WELL Enterprises Co., Ltd.**  
No.28, Wuquan 3rd Rd, Wugu District  
24891 New Taipei City, Taiwan

Product : Independent LED driver  
Trade name(s) : MEAN WELL  
Type(s)/model(s) : XBG-100-A, XBG-100-A-C, XBG-100-AB and XBG-100-AB-C

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2175773

DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 16 March 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-112090 REV.1

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K Xu  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

|                            |  |
|----------------------------|--|
| Product                    | : Independent LED driver   |
| Trade name(s)              | : MEAN WELL  |
| Type(s)/model(s)           | : XBG-100-A, XBG-100-A-C, XBG-100-AB and XBG-100-AB-C  |
| Rated input voltage        | : 100-240 Vac  |
| Ambient temperature (ta)   | : ta: 50 °C when input voltage 100-200 V,<br>ta: 60 °C when input voltage 200-240 V  |
| Max. case temperature (tc) | : 85 °C  |
| Rated input current        | : 1,1 A  |
| Rated frequency            | : 50/60 Hz   |
| Power factor               | : 0,95   |
| Class of insulation        | : Class I  |
| Degree of protection       | : IP67   |
| Output voltage             | : 27-56 Vdc, Max. 60 Vdc   |
| Output current             | : 1,75-2,78 A  |
| Rated output power         | : 100 W Max.   |
| Additional information     | : Constant current mode short-circuit and overload protection,<br>110 °C thermal protection,<br>A: Adjusted through internal potentiometer.<br>AB: Adjustable through output cable with 0-10 Vdc or 10 V<br>PWM signal or resistance.<br>C: With connector |

**TESTS****Test requirements**

EN 61347-1:2015  
EN 61347-1:2015/A1:2021  
EN 61347-2-13:2014  
EN 61347-2-13:2014/A1:2017  
EN IEC 62384:2020

**Test result**

The test results are laid down in DEKRA test file 430581300, 439084300.

**Additional information**

Model reference:

XBG-100-AB, XBG-100-A, XBG-100-AB-C, XBG-100-A-C

Note:

A: Adjusted through internal potentiometer.

AB: Adjustable through output cable with 0-10 Vdc or 10 V PWM signal or resistance.

C: With input connector

This certificate replaces certificate No. 35-112090 which we hereby declare invalid.

The list of components is laid down in test report 4305813.50, 4390843.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

MEAN WELL (GUANGZHOU) Electronics Co., Ltd.  
No.11 Jingu South Road, Huadu District,  
510890 Guangzhou Guangdong, China



Trade name(s) : MEAN WELL stands for

